



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
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Fax 613 632-5246

**D350-607-541**  
**Job Sheet 186786**



Part No: D350-607-541

Job Qty: 1 ea

Part Name: AS350/AS355 Quick Release Heli-Utility-Basket™ Long, Heavy Duty Lid



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/21/18

Job Tracking No:

Due Date: 12/28/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: IIN-D350-607 REV E SHEET 22 IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B 11.02.09 add to install label DD verf by:EC IPP REV:C 12.03.06 AS PER ECN12-535 DD VERF:EC IPP REV:D 12.07.24 AS PER ECN 12-610 DD VERF:EC IPP REV:E 13.08.21 CHG005 / ECN 13-624 DD VERF:JLM IPP REV:F 14.06.09 AS PER ECN14-572 DD VERF:JLM IPP REV:G 16.09.12 added note at seq120 PAR16-515 DD VERF:JLM IPP Rev:H 17.06.08 As Per IIN Rev.E DP Verify DD

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                    |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 90    | Start up Operation | 1 Ea  | 12/28/18   | 12/28/18 | 0.00      | 0.00    | Start Up Stores/Pkg-2 | 21        | JAN 08 2019 |
| 110   | Packaging          | 1 pcs | 12/28/18   | 12/28/18 | 0.00      | 0.00    | Packaging1-3          | 21        | JAN 09 2019 |
| 120   | QC                 | 1 pcs | 12/28/18   | 12/28/18 | 0.00      | 0.00    | QC4                   | 21        | JAN 09 2019 |
| 130   | Packaging          | 1 pcs | 12/28/18   | 12/28/18 | 0.00      | 0.00    | Packaging3-1          | 21        | JAN 10 2019 |
| 135   | DC                 | 1 pcs | 12/28/18   | 12/28/18 | 0.00      | 0.00    | DC                    | 21        | JAN 10 2019 |
| 140   | QC21-FG            | 1 Ea  | 12/28/18   | 12/28/18 | 0.00      | 0.00    | QC21                  | 21        | JAN 10 2019 |

Part Op 130 - Package as per PPPD350-607-541

Descriptions: 135 - Photocopy bluefile & type labels per PPP D350-607-541 CHG008

### Job BOM

| Part / Item  | Component Name                       | Quantity     | Operation             | Container |
|--------------|--------------------------------------|--------------|-----------------------|-----------|
| AN310C4      | Nut                                  | 1 Ea (1 ea)  | 90-Start up Operation | 5103954   |
| AN4-13A      | Bolt                                 | 6 Ea (6 ea)  | 90-Start up Operation | 5115326   |
| AN4C15       | BOLT                                 | 1 Ea (1 ea)  | 90-Start up Operation | 5113810   |
| D2690-6      | Lanyard                              | 1 Ea (1 ea)  | 90-Start up Operation | 5140840   |
| D3912-041    | Eyebolt Receiver Assembly            | 1 Ea (1 ea)  | 90-Start up Operation | 5136047   |
| D4086-200    | Placard, Max Load                    | 1 Ea (1 ea)  | 90-Start up Operation | 5112504   |
| D4150-041    | Attachment Arm Assembly              | 1 Ea (1 ea)  | 90-Start up Operation | 5125359   |
| D4151-041    | Basket Fwd Hardpoint Assembly, Lower | 1 Ea (1 ea)  | 90-Start up Operation | 5120922   |
| D4151-043    | Basket Fwd Hardpoint Assembly, Upper | 1 Ea (1 ea)  | 90-Start up Operation | 5135944   |
| D4917-300    | Placard, Max Load                    | 1 Ea (1 ea)  | 90-Start up Operation | 5124504   |
| MS17984-C413 | Quick Release Pin                    | 1 pcs (1 ea) |                       | 5112906   |



DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                       |  |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div> |              |                       |  |
| Date :                                                       | Step #:                                                                                                                                                                            | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | MRB (QSI042) Approval |  |
| Description Work Order Deviation                             |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Disposition  |                       |  |
|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                       |  |
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| Root Cause         |                          |                       | FAULT CATEGORY           |                       |                          |
|--------------------|--------------------------|-----------------------|--------------------------|-----------------------|--------------------------|
| Environment        | <input type="checkbox"/> | No Re-verification    | <input type="checkbox"/> | Pressure/Forced       | <input type="checkbox"/> |
| Design             | <input type="checkbox"/> | Operator              | <input type="checkbox"/> | Bending               | <input type="checkbox"/> |
| Doc/Data           | <input type="checkbox"/> | Offset/Setup          | <input type="checkbox"/> | Centre Not Concentric | <input type="checkbox"/> |
| Equip/Tooling      | <input type="checkbox"/> | Supplier              | <input type="checkbox"/> | Cracks                | <input type="checkbox"/> |
| Handling/Pre       | <input type="checkbox"/> | Training              | <input type="checkbox"/> | Crimp/Kink/Ripple/Wav | <input type="checkbox"/> |
| Material           | <input type="checkbox"/> | Use for Testing       | <input type="checkbox"/> | Cuffs                 | <input type="checkbox"/> |
| Internal Transport | <input type="checkbox"/> | Poor Information      | <input type="checkbox"/> | Crushing              | <input type="checkbox"/> |
| Tribal Knowledge   | <input type="checkbox"/> | Rushing               | <input type="checkbox"/> | Heat Treat            | <input type="checkbox"/> |
| LOA                | <input type="checkbox"/> | Product Improvement   | <input type="checkbox"/> | Wave/Twist in Tube    | <input type="checkbox"/> |
| Substation         | <input type="checkbox"/> | Process Improvement   | <input type="checkbox"/> | Marks/Chatter         | <input type="checkbox"/> |
| Past Expiry Date   | <input type="checkbox"/> | Manufacturing Process | <input type="checkbox"/> | OTHER :               | <input type="checkbox"/> |
| Misidentified      | <input type="checkbox"/> | Past Due              | <input type="checkbox"/> |                       |                          |



|               |                                                                                     |               |                          |         |
|---------------|-------------------------------------------------------------------------------------|---------------|--------------------------|---------|
| MS21042L4     | Nut                                                                                 | 6 Ea (6 ea)   | 90-Start up<br>Operation | 5130346 |
| MS24665-151   | Cotter Pin                                                                          | 1 Ea (1 ea)   | 90-Start up<br>Operation | 5053957 |
| NAS1149C0463R | Washer                                                                              | 3 Ea (3 ea)   | 90-Start up<br>Operation | 5124667 |
| NAS1149F0432P | Washer                                                                              | 12 Ea (12 ea) | 90-Start up<br>Operation | 5131222 |
| NAS1515H4L    | Washer                                                                              | 2 Ea (2 ea)   | 90-Start up<br>Operation | 5044189 |
| D4085-3       | Placard                                                                             | 1 Ea (1 ea)   | 90-Start up<br>Operation | 5130440 |
| D350-607-511  | AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting<br>Provisions, Fits LH/RH | 1 Ea (1 ea)   | 110-Packaging            | 5142768 |
| D4030-041     | Long Basket Assembly (350)                                                          | 1 Ea (1 ea)   | 110-Packaging            | 5143344 |

### Job Allocations

| Operation             | Component Part | Required | Inventory | Allocated |
|-----------------------|----------------|----------|-----------|-----------|
| 90-Start up Operation | AN310C4        | 1        | 80        | 0         |
|                       | AN4-13A        | 6        | 950       | 0         |
|                       | AN4C15         | 1        | 71        | 0         |
|                       | D2690-6        | 1        | 5         | 0         |
|                       | D3912-041      | 1        | 15        | 0         |
|                       | D4085-3        | 1        | 17        | 0         |
|                       | D4086-200      | 1        | 23        | 0         |
|                       | D4150-041      | 1        | 10        | 0         |
|                       | D4151-041      | 1        | 10        | 0         |
|                       | D4151-043      | 1        | 4         | 0         |
|                       | D4917-300      | 1        | 18        | 0         |
|                       | MS17984-C413   | 1        | 34        | 0         |
|                       | MS21042L4      | 6        | 2,166     | 0         |
|                       | MS24665-151    | 1        | 115       | 0         |
|                       | NAS1149C0463R  | 3        | 485       | 0         |
|                       | NAS1149F0432P  | 12       | 668       | 0         |
|                       | NAS1515H4L     | 2        | 175       | 0         |
| 110-Packaging         | D350-607-511   | 1        | 9         | 0         |
|                       | D4030-041      | 1        | 2         | 0         |

### Part Specifications

Specifications could not be found.



DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

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| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> |                                             | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube <input type="checkbox"/></td> <td style="border: none;">Cross tube <input type="checkbox"/></td> <td style="border: none;">Water Jet <input type="checkbox"/></td> <td style="border: none;">Engineering <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Machining <input type="checkbox"/></td> <td style="border: none;">Small Fab <input type="checkbox"/></td> <td style="border: none;">Prod. Eng. Coord. <input type="checkbox"/></td> <td style="border: none;">Quality <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Thermoforming <input type="checkbox"/></td> <td style="border: none;">Finishing <input type="checkbox"/></td> <td style="border: none;">Rec/Store/Packaging <input type="checkbox"/></td> <td style="border: none;">Other <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Large Fab <input type="checkbox"/></td> <td style="border: none;">Composite <input type="checkbox"/></td> <td style="border: none;">Supplier <input type="checkbox"/></td> <td></td> </tr> </table> |                                   |                                   |                                       |                                        |                                   | Skid-tube <input type="checkbox"/>    | Cross tube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/>     | Machining <input type="checkbox"/>          | Small Fab <input type="checkbox"/>        | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/>           | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/>               | Large Fab <input type="checkbox"/>        | Composite <input type="checkbox"/>             | Supplier <input type="checkbox"/>      |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| Machining <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Small Fab <input type="checkbox"/>                         | Prod. Eng. 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| Thermoforming <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| Large Fab <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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border: none;"> <tr><td style="border: none;">Pressure/Forced <input type="checkbox"/></td><td style="border: none;">Temperature/Cure <input type="checkbox"/></td></tr> <tr><td style="border: none;">Bending <input type="checkbox"/></td><td style="border: none;">Set-up <input type="checkbox"/></td></tr> <tr><td style="border: none;">Centre Not Concentric <input type="checkbox"/></td><td style="border: none;">BOM/Route <input type="checkbox"/></td></tr> <tr><td style="border: none;">Cracks <input type="checkbox"/></td><td style="border: none;">Broken/Damage/Defect <input type="checkbox"/></td></tr> <tr><td style="border: none;">Crimp/Kink/Ripple/Wave <input type="checkbox"/></td><td style="border: none;">Inspection Incomplete/Unqualified <input type="checkbox"/></td></tr> <tr><td style="border: none;">Cuffs <input type="checkbox"/></td><td style="border: none;">Contamination <input type="checkbox"/></td></tr> <tr><td style="border: none;">Crushing <input type="checkbox"/></td><td style="border: none;">Countersink <input type="checkbox"/></td></tr> <tr><td style="border: none;">Heat Treat <input type="checkbox"/></td><td style="border: none;">Cut Too Short <input type="checkbox"/></td></tr> <tr><td style="border: none;">Wave/Twist in Tube <input type="checkbox"/></td><td style="border: none;">Instructions Incomplete/Unclear <input type="checkbox"/></td></tr> <tr><td style="border: none;">Marks/Chatter <input type="checkbox"/></td><td style="border: none;">Drill Holes <input type="checkbox"/></td></tr> </table> |  | Pressure/Forced <input type="checkbox"/> | Temperature/Cure <input type="checkbox"/> | Bending <input type="checkbox"/> | Set-up <input type="checkbox"/> | Centre Not Concentric <input type="checkbox"/> | BOM/Route <input type="checkbox"/> | Cracks <input type="checkbox"/> | Broken/Damage/Defect <input type="checkbox"/> | Crimp/Kink/Ripple/Wave <input type="checkbox"/> | Inspection Incomplete/Unqualified <input type="checkbox"/> | Cuffs <input type="checkbox"/> | Contamination <input type="checkbox"/> | Crushing <input type="checkbox"/> | Countersink <input type="checkbox"/> | Heat Treat <input type="checkbox"/> | Cut Too Short <input type="checkbox"/> | Wave/Twist in Tube <input type="checkbox"/> | Instructions Incomplete/Unclear <input type="checkbox"/> | Marks/Chatter <input type="checkbox"/> | Drill Holes <input type="checkbox"/> | <table style="width:100%; border: none;"> <tr><td style="border: none;">Power Loss/Surge <input type="checkbox"/></td><td style="border: none;">Positioned Wrong <input type="checkbox"/></td></tr> <tr><td style="border: none;">Folio/Program <input type="checkbox"/></td><td style="border: none;">Outside Dimensions <input type="checkbox"/></td></tr> <tr><td style="border: none;">Grain <input type="checkbox"/></td><td style="border: none;">Over/Under tolerance <input type="checkbox"/></td></tr> <tr><td style="border: none;">Weld <input type="checkbox"/></td><td style="border: none;">Part Incorrect <input type="checkbox"/></td></tr> <tr><td style="border: none;">Wrong Stock Pulled <input type="checkbox"/></td><td style="border: none;">Part Lost/Missing <input type="checkbox"/></td></tr> <tr><td style="border: none;">Out of Sequence <input type="checkbox"/></td><td style="border: none;">Part Moved <input type="checkbox"/></td></tr> <tr><td style="border: none;">Off-set <input type="checkbox"/></td><td style="border: none;">Drawing <input type="checkbox"/></td></tr> <tr><td style="border: none;">Mislabeled <input type="checkbox"/></td><td style="border: none;">Finish <input type="checkbox"/></td></tr> <tr><td style="border: none;">Fit/Function <input type="checkbox"/></td><td style="border: none;">Misread <input type="checkbox"/></td></tr> <tr><td style="border: none;">Misaligned/off center <input type="checkbox"/></td><td style="border: none;">Turning Sequence <input type="checkbox"/></td></tr> </table> |  | Power Loss/Surge <input type="checkbox"/> | Positioned Wrong <input type="checkbox"/> | Folio/Program <input type="checkbox"/> | Outside Dimensions <input type="checkbox"/> | Grain <input type="checkbox"/> | Over/Under tolerance <input type="checkbox"/> | Weld <input type="checkbox"/> | Part Incorrect <input type="checkbox"/> | Wrong Stock Pulled <input type="checkbox"/> | Part Lost/Missing <input type="checkbox"/> | Out of Sequence <input type="checkbox"/> | Part Moved <input type="checkbox"/> | Off-set <input type="checkbox"/> | Drawing <input type="checkbox"/> | Mislabeled <input type="checkbox"/> | Finish <input type="checkbox"/> | Fit/Function <input type="checkbox"/> | Misread <input type="checkbox"/> | Misaligned/off center <input type="checkbox"/> | Turning Sequence <input type="checkbox"/> |
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| Material <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| Bending <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| Centre Not Concentric <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| Cracks <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| Crimp/Kink/Ripple/Wave <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| Cuffs <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| Crushing <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| Heat Treat <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| Wave/Twist in Tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| Marks/Chatter <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| Power Loss/Surge <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| Folio/Program <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| Grain <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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